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DOCKET: CU-2734

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE:

APPLICANT: Kazuhiro SUGA )  
SERIAL NO: 09/995,062 )  
FILED: May 29, 2000 ) Group Art Unit: 1774  
TITLE: ELECTROMAGNETIC WAVE-SHIELDING CONSTRUCTION )  
MATERIAL AND METHOD FOR PRODUCING THE SAME ) Examiner: Lawrence D. Ferguson

THE COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450  
MAIL STOP AMENDMENT

**RESPONSE**

Sir:

This is in response to the Office Action dated May 19, 2004 and having a shortened statutory period for reply set to expire on August 19, 2004. Applicant submits the following responsive amendment in the above-identified application. Also submitted with this amendment is a Request for two-month Extension with the required fee, to extend the period of reply to October 19, 2004. Applicant believes this response addresses each rejection, and the application in condition for allowance.

In the Office Action, the Examiner states that Claims 1-6, 11 and 12 are pending and Claims 1-6, 11 and 12 are rejected.

In the Office Action, Claim 1 is rejected under 35 U.S.C. § 112, first paragraph as containing new subject matter with respect to the phrase 'wherein

the panel section is formed of a mixed material containing major panel components and a conductive material". The Applicant respectfully traverses this rejection.

Page 6, lines 6-9 of the specification provide support for "a panel section formed of a mixed material containing major panel components and a conductive material such that the conductive ink layer is in contact with the plate surface." Claim 1 also includes this highlighted limitation and states "an electromagnetic wave-shielding sheet laminated on at least one surface of the panel section" and "wherein the electromagnetic wave-shielding sheet is prepared by forming a conductive ink layer on one surface of the base material sheet by printing, and is laminated on the panel section so that the conductive ink layer is in contact with the plate surface of the panel section." Thus, as can be seen from these other limitations in Claim 1, the panel section does contain a conductive material in the form of the conductive ink layer in contact with the plate surface of the panel section.

In the Office Action, Claims 1, 2, 4-6, 11 and 12 are rejected under 35 U.S.C. §103(a) as being unpatentable over Spa (US 6,537,359). Claim 3 is rejected under 35 U.S.C. §103(a) as being unpatentable over Spa in view of Nagano et al. (US 5,455,117) and further in view of Okada et al (US 6,448,492). Claims 1 and 2 are rejected under 35 U.S.C. §102(e) as being anticipated by Yoshikawa et al. (US 6,255,778). The Applicant respectfully disagrees with and traverses these rejections.

The Response to Arguments section of the Office Action indicates that Claim 1 does not claim the previously argued feature relied upon that the panel section contains a conductive material. However, in the previous §112 rejection it clearly admits that this feature is claimed, and the Applicant has provided support for that claimed feature. Furthermore, the Response to Arguments section contains a misquotation of Claim 1 in which several limitations are rearranged and/or left out.

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The Applicant therefore requests that the Applicants previously filed arguments, with respect to the claimed feature that the panel section contains a conductive material, be considered.

As previously argued, since the panel section contains a conductive material, conductivity is developed in the panel section to stimulate the decay of electromagnetic waves. Also, this arrangement as a dielectric causes the reflection of electromagnetic waves due to dielectric polarization of incident electromagnetic waves. This provides peculiar functions and effects, such as the high electromagnetic wave-shielding ability, for the claimed invention.

The panel section containing a conductive material is not disclosed by any of the cited prior art references, and neither are the peculiar functions and effects of this arrangement. For this reason, the Applicant considers each of the §102 and §103 rejections overcome.

In light of the foregoing response, all the outstanding objections and rejections have been overcome. Applicant respectfully submits that this application should now be in better condition for allowance and respectfully requests favorable consideration.

Respectfully submitted,



October 18, 2004

Date

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